

Slp Today 17/06

Work Order ID 59921

June 17, 2010 10:04:15 AM



Item ID: D350-561-141

Accept



Setup Start



Revision ID:

Stop



Item Name: Single Cargo Mirror Assembly

Start Date: 6/17/10 Start Qty: 1.00



Cust Item ID:

Required Date: 6/17/10 Req'd Qty: 1.00



Customer:

Reference:

Run Start

Work Order ID 59921

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Item ID: D350-561-141

Accept



Setup Start



Revision ID:

Stop



Item Name: Single Cargo Mirror Assembly

Start Date: 6/17/10 Start Qty: 1.00



Cust Item ID:

Required Date: 6/17/10 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: Date: Tooling: Date:

Stop



QC: Date: SPC (Y/N): Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-561-141								
130	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

Revc

10-6-17

10/06/17
MF
10-6-17

Picklist Print

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Work Order ID: 59921

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 6/17/10

Required Date: 6/17/10

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2011-101



6" Mirror

Manufactured

No

105

Each

38.0000

1

1

10-6-17 SP

Location

Loc Qty

Loc Code

ST231

38

58398

38

D2012-105



Arm

Manufactured

No

105

Each

1.0000

1

1

10-6-17 SP

Location

Loc Qty

Loc Code

ST229

1

57544

1

D2012-107



Clevis

Manufactured

No

105

Each

30.0000

1

1

10-6-17 SP

Location

Loc Qty

Loc Code

ST004

30

40274

12

46634

18

D2012-111



Bracket

Manufactured

No

105

Each

17.0000

1

1

10-6-17 SP

Location

Loc Qty

Loc Code

ST004

17

40148

17

Picklist Print

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Page 2

Work Order ID: 59921

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 6/17/10

Required Date: 6/17/10

Start Qty: 1.00

Required Qty: 1.00

D2012-115

Manufactured No

105

Each

58.0000

1

1

Bracket, Clevis

Location

Loc Qty

Loc Code

ST004

58

25581

58

Manufactured No

105

Each

196.0000

2

2

D2022-101

Spacer

Location

Loc Qty

Loc Code

ST504

196

50746

96

52325

100

Manufactured No

105

Each

12.0000

1

1

D3629-1

Bracket

Location

Loc Qty

Loc Code

ST244A

12

48560

12

Manufactured No

105

Each

4.0000

1

1

D3635-1

Gasket

Location

Loc Qty

Loc Code

ST076

4

52914

4

Manufactured No

105

Each

46.0000

2

2

D3635-3

Gasket

Location

Loc Qty

Loc Code

ST076

46

56399

46

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Shop Packet Print

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Picklist Print

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Page 3

Work Order ID: 59921

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 6/17/10

Required Date: 6/17/10

Start Qty: 1.00

Required Qty: 1.00

D3646-1



Arm

Manufactured No

105 Each

13.0000

1 1



10-6-17 SP

Location

Loc Qty

Loc Code

ST229

13

57546

3

58836

10

1

D3646-3



Arm

Manufactured No

105 Each

11.0000

1 1



10-6-17 SP

Location

Loc Qty

Loc Code

ST229

11

52668

6

58837

5

1

D4070-041



Clamp

Manufactured No

105 Each

75.0000

2 2



10-6-17 SP

Location

Loc Qty

Loc Code

ST460

75

56381

75

2

AN3-4A



Bolt

Purchased No

105 Each

1,390.000

3 3



10-6-17 SP

Location

Loc Qty

Loc Code

ST350

1390

104214

241

104291

300

104322

200

104374

200

104625

300

104817

149

3

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Shop Packet Print

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Picklist Print

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Page 4

Work Order ID: 59921

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 6/17/10

Required Date: 6/17/10

Start Qty: 1.00

Required Qty: 1.00

AN3-6A

Purchased

No

105

Each

361.0000

1

1

Bolt

Location

Loc Qty

Loc Code

ST351

361

113359

161

114941

200

AN4-5A

Purchased

No

105

Each

230.0000

3

3

Bolt

Location

Loc Qty

Loc Code

ST356

230

114108

30

114330

200

AN4-10A

Purchased

No

105

Each

135.0000

1

1

Bolt

Location

Loc Qty

Loc Code

ST356

135

113422

35

114523

100

AN960JD10

NAS1149D0363J

Purchased

No

105

Each

0.0000

8

8

Washer

AN960JD416

NAS1149D0463J

Purchased

No

105

Each

6.0000

8

8

Washer

Location

Loc Qty

Loc Code

ST357

6

107939

6

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Shop Packet Print

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Picklist Print

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Page 5

Work Order ID: 59921

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 6/17/10

Required Date: 6/17/10

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

105

Each

3,146.000

4

4



Nut



10.6.178

Location

Loc Qty

Loc Code

ST300

3146

113537

12

113644

3

~~114523~~

631

114718

500

114784

2000

4

MS21042L4

Purchased

No

105

Each

3,188.000

4

4



Nut



10.6.17 105

Location

Loc Qty

Loc Code

ST139

2

111827

2

ST300

3186

113422

68

~~114523~~

110

114718

1000

114784

2000

9063

8

4

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Shop Packet Print

Page 5

REFERENCE ONLY

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-561 REV. C

REF. CANADIAN STC: SH91-20 ISSUE 2

REF. FAA STC: SH856NE

To reduce vibration, Dart has developed the D350-561-141/-143 Mirror Installations to replace the D350-561-041/-043 Mirror Installations. For customers with D350-561-041/-043 Mirror Installations at CHG 005 or earlier who would like to upgrade their installation, the DSI 9379-011 Upgrade Kit can be obtained from Dart. The components for DSI 9379-011 Kit are as defined in Section 1.0 below.

Customers upgrading their installation from D350-561-041/-043 to D350-561-141/-143 should follow instructions given in Figures 1 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

Customers who are installing a D350-561-141/-143, should refer to Figures 2 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

This service instruction details the D350-561-141/-143 kits at CHANGE 003 or later, which use D4070-041 Clamps (replaces MS21919WDG7 clamps). For -141/-143 kits at earlier change numbers, the DSI-9379-013 Upgrade kit is available to replace the mil-spec clamps with more robust D4070-041 Clamps.

1.0 PARTS LIST

Qty -141	Qty -143	Qty -045	Qty -011	Qty -013	Part Number	Description
X	1				D350-561-141	SINGLE MIRROR INSTALLATION (REPLACES -041)
	X				D350-561-143	DUAL MIRROR INSTALLATION (REPLACES -043)
	1	X			D350-561-045	MIRROR KIT
			X		DSI-9379-011	UPGRADE KIT
				X	DSI-9379-013	UPGRADE KIT
1		1			D2011-101	MIRROR
1					D2012-105	ARM
1					D2012-107	CLEVIS
1					D2012-111	BRACKET
		2			D2012-113	CLAMP
1					D2012-115	BRACKET
2					D2022-101	SPACER
1*		1*			D3014-1	LOCKNUT
1			1		D3629-1	BRACKET
1			1		D3635-1	GASKET
2			2		D3635-3	GASKET
1			1		D3646-1	ARM
1			1		D3646-3	ARM
2			2	2	D4070-041	CLAMP
3			3		AN3-4A	BOLT
1					AN3-6A	BOLT
3			2	2	AN4-5A	BOLT
1					AN4-10A	BOLT
8			6		AN960JD10	WASHER
8			4	4	AN960JD416	WASHER
1*		1*			AN960JD416L	WASHER
4			3		MS21042L3	NUT (OR MS21042-3)
4			2	2	MS21042L4	NUT (OR MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.02.12
CERT. NO.: SH91-20
ISSUE NO.: 2

C	D4070-041 WAS MS21919WDG7	CP	10.02.12
B	MS21919WDG7 WAS MS21929WDG7	DC	07.11.26
A	NEW ISSUE	MB	07.07.10
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9379	SHEET 1 OF 5
APPROVED		TITLE	SCALE
DE APPR.		CARGO MIRROR UPDRAGE KIT	NTS
DATE	10.02.12	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries